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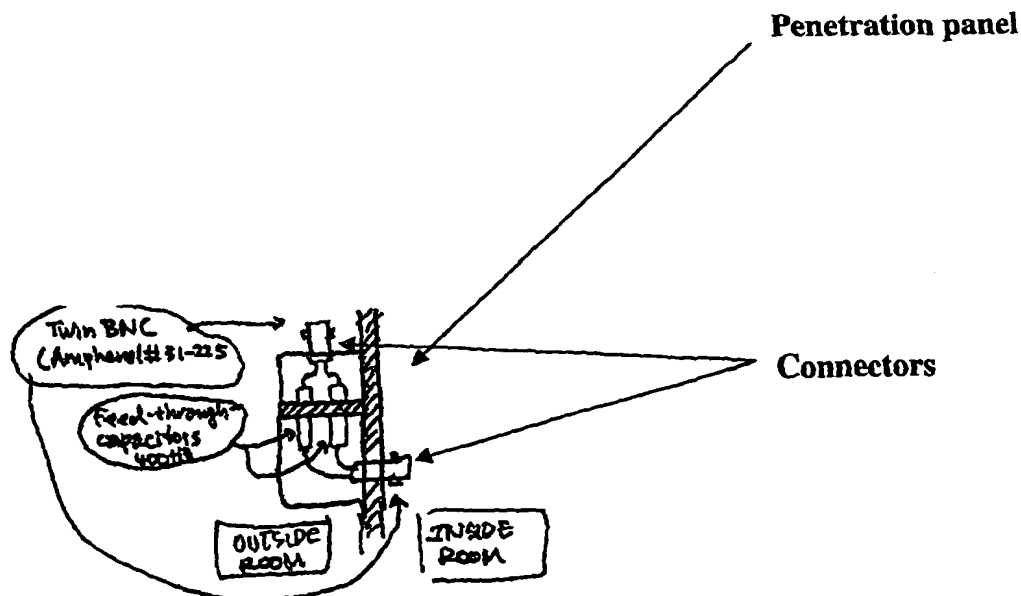
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(54) Title: FUNCTIONAL MAGNETIC RESONANCE IMAGING GUIDED TRANSCRANIAL MAGNETIC STIMULATION DECEPTION INHIBITOR



(57) Abstract: Functional brain imaging is used to determine the regions of a brain an individual uses to lie or deceive, and then the TMS is applied to that region of the brain while the individual, is, e.g., attempting to respond to a question. If the person is attempting to deceive, TMS will temporarily inhibit operation of this part of the brain during this attempted deception, and the individual will be unable to deceive.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61M 37/00; A61N 2/00; A61B 17/52  
US CL : 600/9, 12, 14, 15

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 600/9, 12, 14, 15; 128/898

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 6,448,617 B1 (KATZ) 03 December 2002 (03.12.2002), column 6, lines 1-15.	1-5, 7-12, 14
X	US 6,198,958 B1 (IVES et al) 06 March 2001 (06.03.2001), column 2, lines 1-29 and column 4, lines 15-33.	1-5, 7-12, 14
A	US 5,769,778 (ABRAMS et al) 23 June 1998 (23.06.1998), column 3, lines 53-67.	1-5, 7-12, 14

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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- "&" document member of the same patent family

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